

IMACS WEB Application Presentation

Prepared for the

IMACS CMT Meeting

June, 27, 2000

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IMACS CMT Meeting

6/27/00

Agenda

- * **WCE/Proxy PowerPoint overview**
- * **WCE/Proxy Hands on demo**
- * **Time**
- * **Questions**





COOL Product Portfolio

What I Do

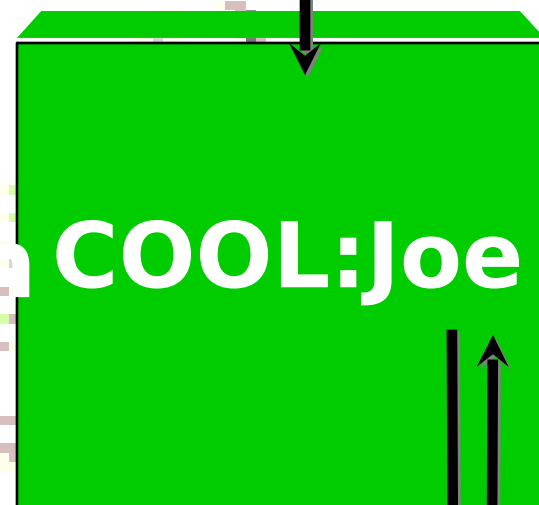


How I Architect It



How I Build It

Information-based



Behavior-based



WEB Generation Options with Gen



Web Client Enablement??

- **Web enable a COOL:Gen c/s application by generating a fully functional web client for internet access to a COOL:Gen server**
 - One Server Application for multiple client types
 - No changes to the COOL:Gen servers
 - One Development tool for multiple client types
 - GUI and Browser Clients
 - Middleware choices
 - TCP/IP and MQSeries

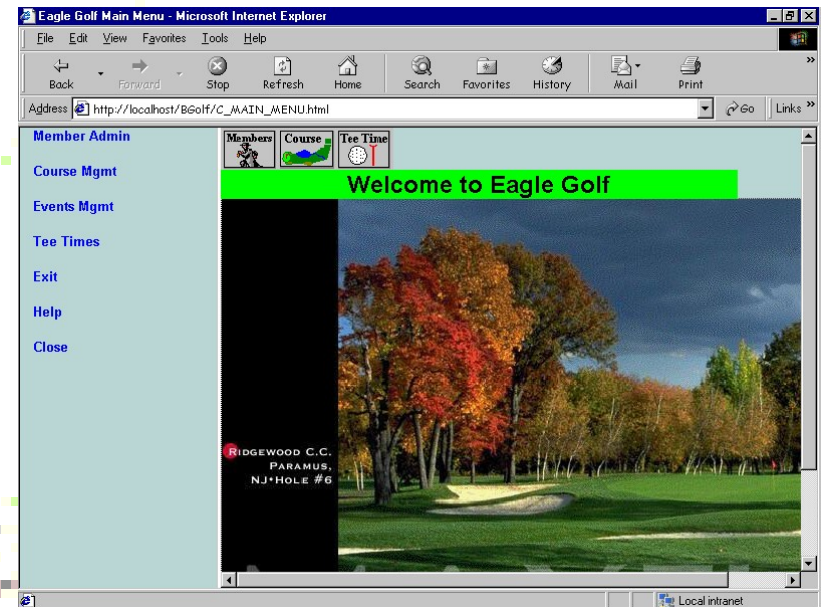
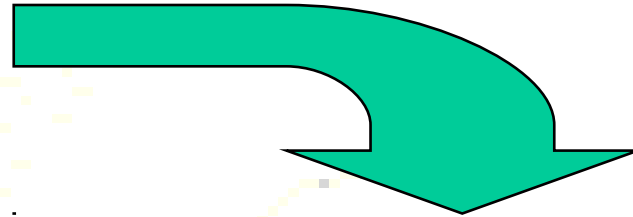
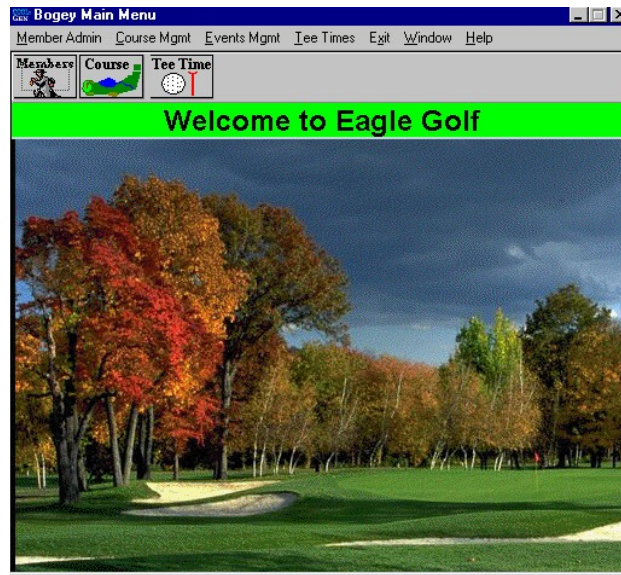


Web Client Enablement (WCE)

- Value
 - COOL:Gen Customers can quickly target the web in a way that allows :
 - REUSE of existing business rules
 - REUSE of existing GUI Screens
 - REUSE of existing application menu and event Flows
 - REUSE of existing skill sets
- WCE Solution
 - Proven technology
 - Proven performance and
 - Proven Manageability



WCE Example



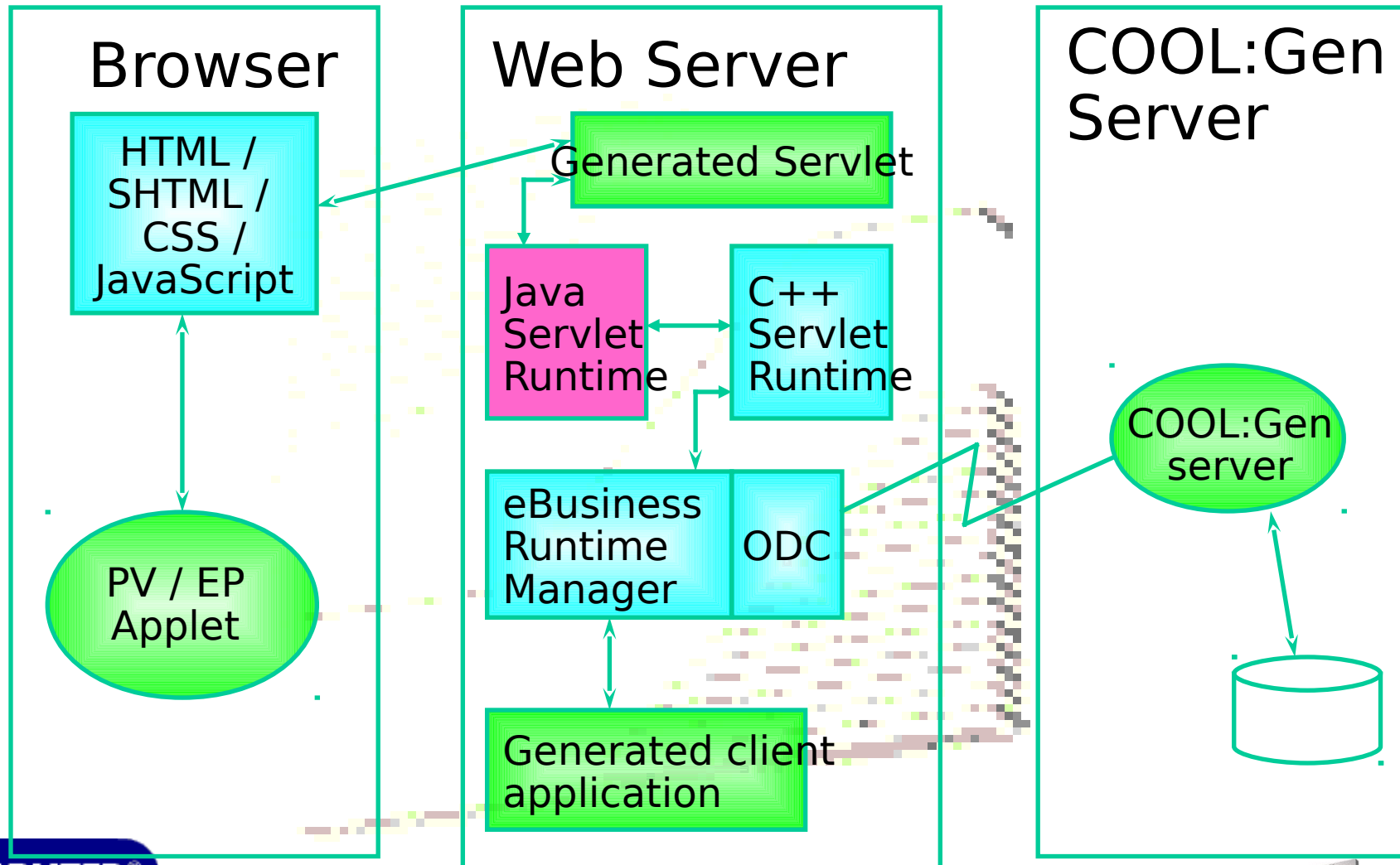
Using WCE with COOL-Gen

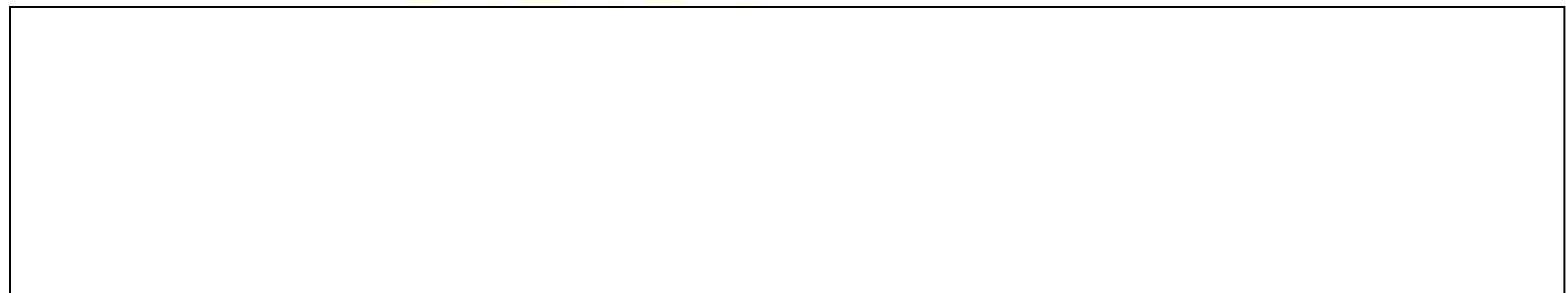
- Toolset (and Encyclopedia):
 - Generates HTML, SHTML, CSS and JavaScript
 - Runs consistency checks to detect unsupported PAD statements and functions and features for controls
 - Multithreaded-code generation

Ability to run IMACS as a GUI C/S Application
and as Web Application, Simultaneously



Runtime environment





What is a Proxy

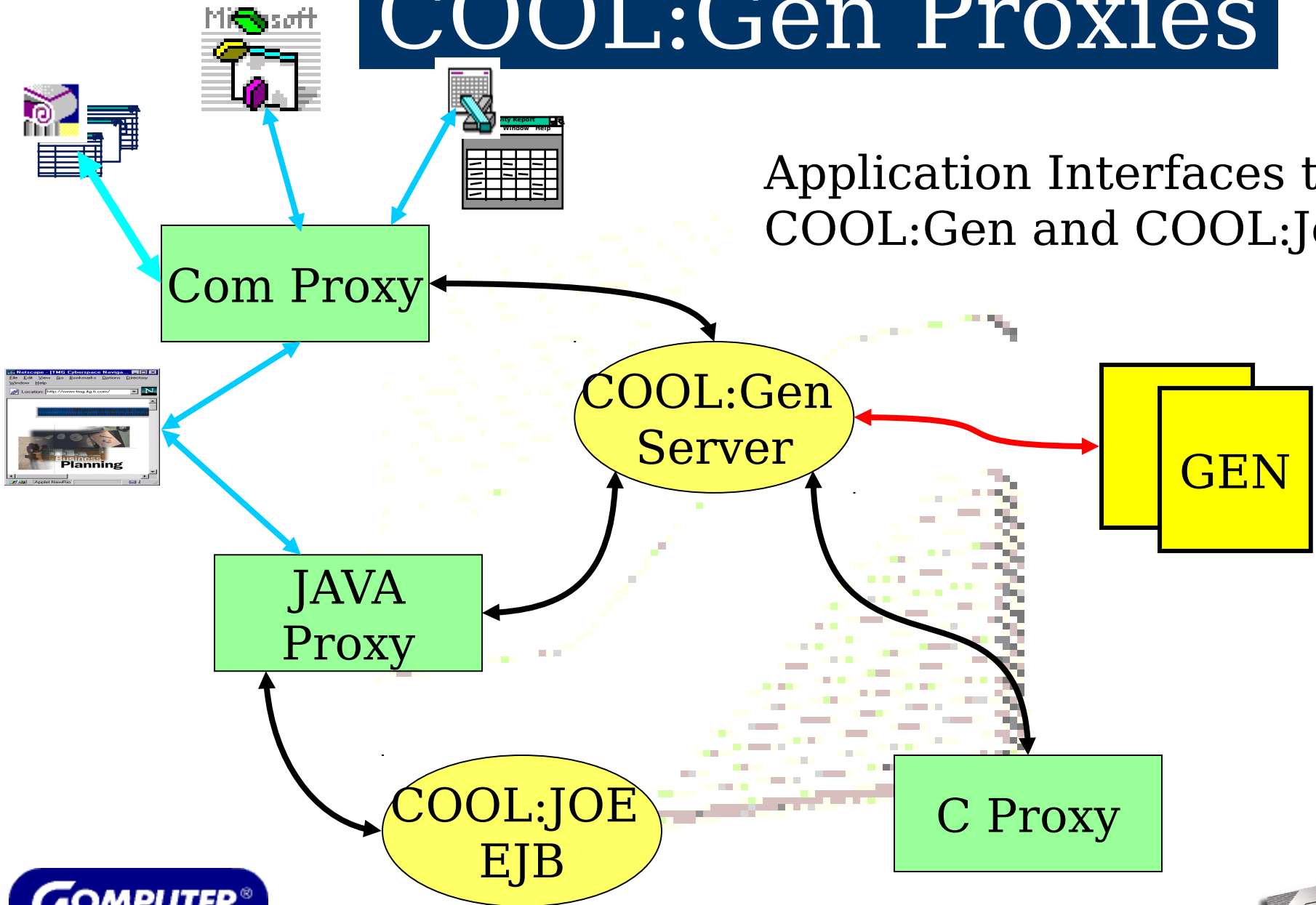
“A proxy is a local representation of an object that is located on a remote machine. The proxy represents the object’s interface to other objects on the local machine, appearing to them as a local object ... A proxy is the most common mechanism for achieving the result of Remote Transparency

David Taylor
Object Technology: A Manager’s Guide

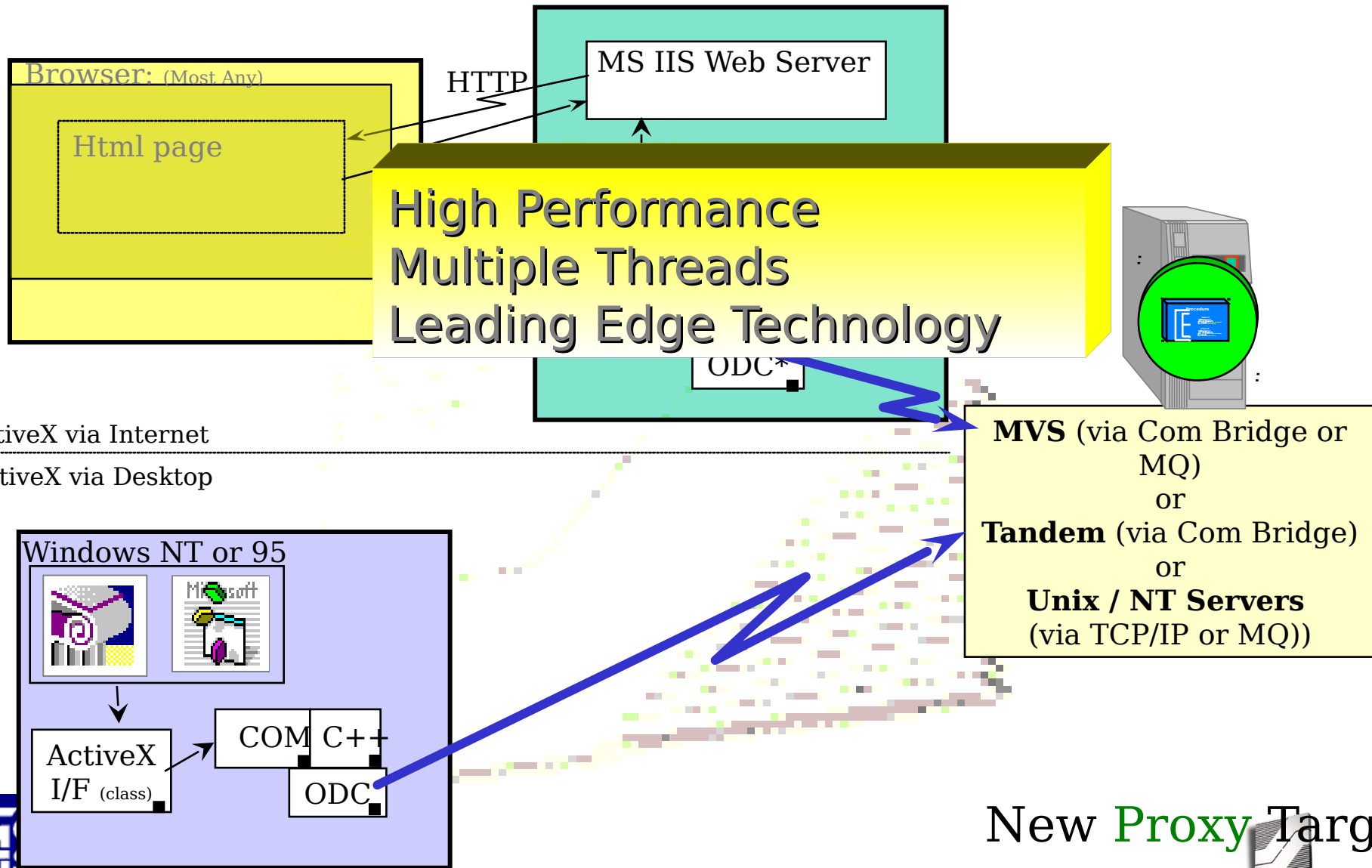


COOL:Gen Proxies

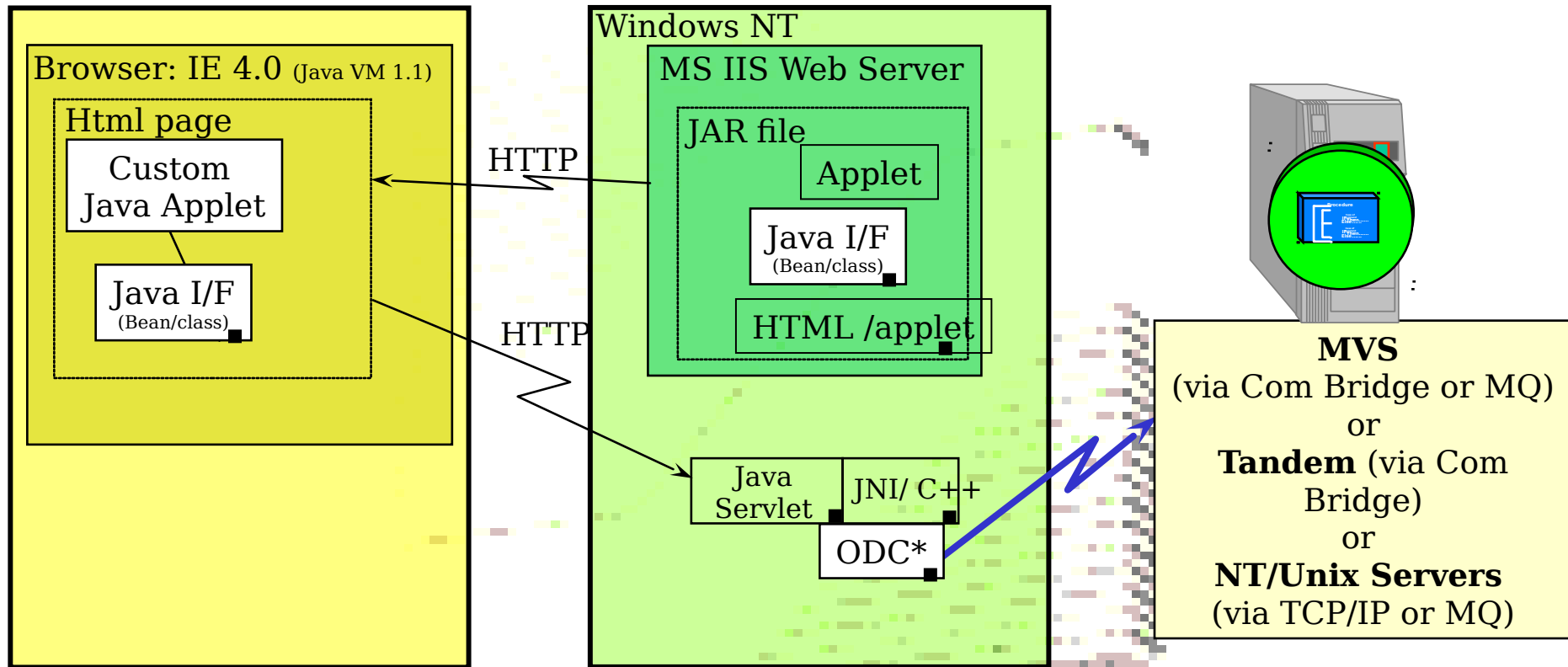
Application Interfaces to
COOL:Gen and COOL:Joe



COM Proxy Generation



Java Proxy Generation



eBusiness-- why here, why now?

*“Enterprises must **understand** the pervasiveness of [eBusiness] technology and the resultant changes to the business model.*

***Failure to plan for those changes will reduce competitiveness by 15 percent to 30 percent** through 2001. For 5 percent of enterprises, the loss of competitiveness will lead to **business failure** by year-end 2001.*

2001  **GartnerGroup**
The Voice of IT



